



ZL936

ZL956

EQUIPMENT

CONSTRUCTION



CATALOG
WHEEL LOADER

WHEEL LOADER





Product Overview

- ZL936 & ZL956 wheel loader is the latest generation product developed by ZENVAN on the basis of the globalized resources
- Focusing on the customer value and emphasizing the customer experiences, ZL936 & ZL956 boasts outstanding advantages (such as efficiency) in the fields of engineering constructions, aggregate yards, and coal logistics.

Model Characteristics

- Exclusive high torque and high efficiency drive chain features reasonable matching.
The front frame adopts the box structure with integrally cast lugs and the rear frame adopts the special-shaped box beams welded from variable stiffness bent plates, featuring high carrying capacity.
The hinged joints between front and rear frames adopt the structure of rolling bearings + knuckle bearings, featuring high carrying capacity and working stability
- With short wheelbase and small turning radius, this product features high mobility and flexibility and outstanding field adaptability
- The ergonomically design cab adopts integral skeleton structure, delicate interior trim parts, and sound insulation and noise reduction measure, featuring broad visual field, super-large space, and high operation comfort
- The diversified configurations and complete attachments comprehensively adapt to the construction needs in different regions and under different working conditions

Performance Highlights

- ZL936, 97kN traction force and $\geq 3.1\text{m}$ high dumping capacity handle the severe conditions with ease.
127kN breakout force handle all kinds of materials with ease
- ZL956, 152kN traction force and $\geq 3.15\text{m}$ (3.8m as option) high dumping capacity handle the severe conditions with ease.
170kN breakout force handle all kinds of materials with ease

Strong power

- Std WEICHAH China-II emission compliant special engine features low speed and low fuel consumption.
- With strong power and high torque reserve factor, this engine meets the instant overload demand during operations and sufficiently provides the power required for heavy-load operations

⊙WEICHAH China-III emission Engine as option

⊙CUMMINS Stage-II emission Engine as option

CATALOG EQUIPMENT MENU

Model

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Quick View

Rated loading	Kg	3000	5000
Overall weight	Kg	10200	16500 (17500 as option)
Std bucket capacity	m³	1.8	3
Maximum tractive force	Kn	97	152
Maximum breakout force	Kn	127	170
Maximum grade ability	%	30	30
Maximum dump height	mm	3100	3150
Maximum dump reach	mm	1006	1250
Overall dimension (L×W×H)	mm	6890 × 2400 × 3070	8085 × 2950 × 3450
Minimum turning radius	mm	5250	6150

Engine(standard)

Brand		WEICHA	WEICHA STEYR
Model		WP6G125E22	WD10G220E23
Type		Inline water cooled, four stroke	Inline water cooling dry cylinder
No. of cylinder		6	6
Bore x stroke	mm	108 x 125	126 x 130
Rated power	Kw	92	162
Maximum torque	N.m	515	980
Min fuel-consume ratio	g/kw.h	≤210	≤215

Transmission system

Torque converter		YJ315-X	ZL50
Gearbox mode		Power-shift normally engaged straight gear	Mechanical planetary
Gear shift		4F / 2R	2F / 1R
Maximum speed	km/h	40	38

Drive axles

Main reducing mode		Bevel gear grade 1reduction	bevel gear grade 1reduction
Decelerating mode		Bevel gear grade 1reduction	planetary reduction, Grade-I
Wheel base (mm)	mm	2850	3250
Wheel tread	mm	1800	2250
Ground clearance	mm	400	460

Hydraulic system

System working pressure	Mpa	16.5	18
Boom lifting time	s	4.83	5.95 ± 0.2
Total time	s	9.15 ± 0.5	10.95 ± 0.5
Fuel tank capacity	L	156	290
Leveling automatically function		Std	Std

Brake system

Service brake		air assist disc brake on 4 wheels	air over hydraulic disc brake on 4 wheels
Parking brake		Manual disk brake	Manual disk brake

Tyre

Type specification		17.5-25	23.5-25
Front tyre pressure	Mpa	0.4	0.4
Rear tyre pressure	Mpa	0.35	0.35

Option

Engine-WEICHA Stage III	Engine-SDEC Stage II
Engine-CUMMINS Stage II	Engine-CUMMINS Stage II
Air condition	Heavy-duty chassis(+1000 Kg)
Hydraulic pilot joystick	ZF400G200 transmission
Hangchi YD13 power-shift transmission	ZF wet-brake axles
	3800mm dumping height

SPACIOUS CABIN

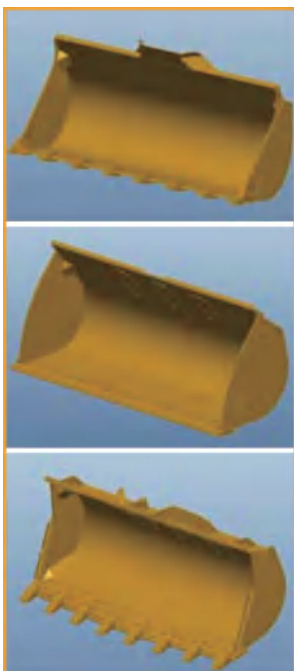
- The design of cab and access passages is ergonomically optimized to create the best driving and riding experience for the operator from the first touch of the machine.
- The steering system and the working device feature accurate and handy operations
- The steering wheel and the seat are freely adjustable depending on the operator's habits
- The easily and naturally observable instruments, the panoramic glasses, and the super-large spherical rearview mirrors ensure a broad vision and easy and safe operations
- The integrally full-enclosed skeleton structure cab is fitted with complete storage cells, cup holder, and charger and the optional air conditioning system to realize noise reduction and heat insulation and build a comfortable, healthy, and safe driving environment



ZL936 CABIN-Mechanical operating type



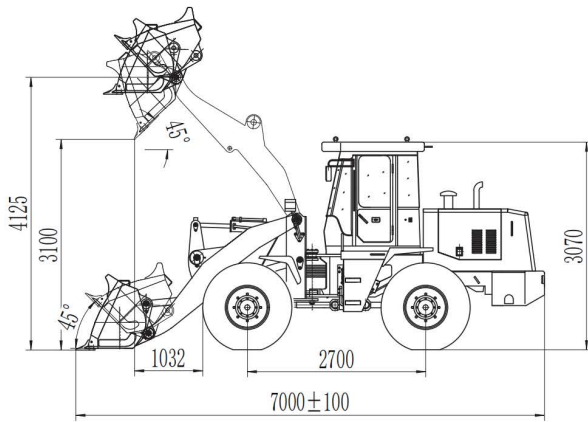
ZL936 CABIN-Hydraulic pilot joystick type



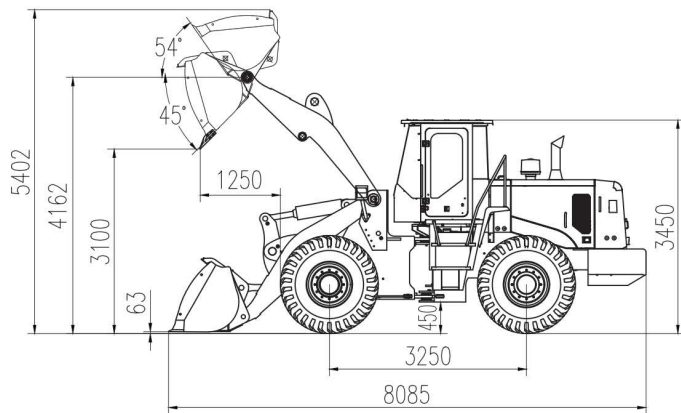
Buckets design



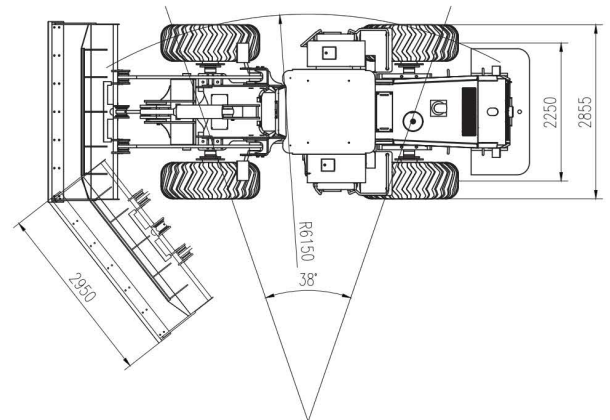
ZL956 STD CABIN-HangChi Transmission 2F/1R type



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